

a' amended

passage for receiving of wires of stator coils (40). The wires of the stator coils (40) are respectively extended through the openings (204, 214) and cut-outs (14) into passages combined by the joint edges (207, 217) and would around the upper and lower insulators (20, 21) to bind the upper and lower insulators (20, 21) together with the yoke (10). After the stator coils (40) are wound, the joint keys (30) are respectively fixed into the cut-outs (13) of the yoke (10), such that a stator is easily produced. --

IN THE CLAIMS:

Please amend claim 1 as follows:

- a2 cont.*
1. (Once Amended) A stator of an alternating current motor, the stator comprising:
- a yoke (10) having an outer annular member (11) and an inner annular member (12) integrally formed therewith, two winding slots (13) symmetrically defined at two opposite lateral sides between the outer and inner annular members (11, 12), and two cut-outs (14) symmetrically defined at two opposite sides of the outer annular member (11) and respectively communicating with middle positions of the winding slots (13);
- upper and lower insulator (20, 21) respectively assembled on upper and lower ends of the yoke (10), and respectively having two outer rings (201, 211) and two inner rings (202, 212) integrated therewith corresponding to the outer and inner annular members (11, 12), two pairs of slots (203, 213) respectively defined at opposite sides thereof corresponding to the winding slot (13) of the yoke (10), and two pairs of openings (204, 214) respectively defined at opposite sides of the outer rings (201, 211) corresponding to the cut-outs (14);

*a2
cancel.*

wherein first bulged outer edges (205) are formed around outer sides of upper ends of the outer rings (201) of the upper insulator (20), and first bulged inner edges (206) are formed around inner sides of upper ends of inner rings (202) of the upper insulator (20);

wherein second bulged outer edges (215) are formed around outer sides of lower ends of the outer rings (211) of the lower insulator (21), second bulged inner edges (216) are formed around inner sides of lower ends of inner rings (212) of the lower insulator (20), and the lower ends of the slots (203) and upper ends of the slots (213) are respectively formed with bulged joint edges (207, 217) around, whereby the upper and lower insulators (20, 21) are respectively assembled on the yoke (10) by means of the joint edges (207, 217) respectively inserted into the corresponding winding slot (13) of the yoke (10);

whereby after the upper and lower insulators (20, 21) are respectively assembled on upper and lower ends of the yoke (10), wires of stator coils are respectively wound around the upper and lower insulators (20, 21) and bind the upper and lower insulators (20, 21) together with the yoke (10).

✓ Please cancel claim 2.

REMARKS

Applicant requests favorable reconsideration of the subject application in view of the amendments and the following remarks.

In the Office Action dated April 17, 2002, the specification was objected to because of informalities; claims 1 and 2 were objected to because of informalities; claims